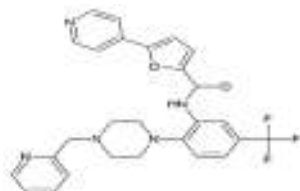


SPHINX31

ALTERNATE NAME: SPHINX-31
5-(4-pyridinyl)-N-[2-[4-(2-pyridinylmethyl)-1-piperazinyl]-5-(trifluoromethyl)phenyl]-2-furancarboxamide

CATALOG #: B2516-5 5 mg
B2516-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₇H₂₄F₃N₅O₂

MOLECULAR WEIGHT: 507.52

CAS NUMBER: 1818389-84-2

APPEARANCE: Crystalline solid

PURITY: ≥98% by HPLC

SOLUBILITY: >10 mg/ml DMSO

DESCRIPTION: SPHINX31 is a potent inhibitor of serine/arginine-rich protein kinase 1 (SRPK1) IC₅₀ = 5.9 nM). It displays selectivity for SRPK1 over a panel of 50 kinases at a concentration of 1 μM. SPHINX31 inhibits phosphorylation of serine/arginine-rich splicing factor 1 (SRSF1), an SRPK1 substrate, in PC3 cells (EC50 = 360 nM) and increases expression of the anti-angiogenic VEGF-A165b splice variant in retinal pigment epithelial (RPE) cells.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

SRPIN340 (2458)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*